

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	

Root Cause				FAULT CATEGORY			
Environment ☐	Design ☐	Doc/Data ☐	Equip/Tooling ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Handling/Pre ☐	Material ☐	Internal Transport ☐	Tribal Knowledge ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
LOA ☐	Substation ☐	Past Expiry Date ☐	Misidentified ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
				Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
				Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
				Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
				Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
				Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
				Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
				Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
				OTHER : ☐			

Work Order ID 143607

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143607

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Item ID: DSI 9506-011

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: Bearpaw Mod - Aerazur Float Compatibility

Stop ***NS2***

Start Date: 3/30/2016 Start Qty: 9.00 ***9***

Cust Item ID:

Required Date: 4/6/2016 Req'd Qty: 9.00 ***9***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP DSI 9506-011								
	Location: _____								
	PPP rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.02							
Quality Control									

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MLS APR 06 2016

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Work Order update only ☐

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Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

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Page 1

Work Order ID: 143607

143607

Parent Item: DSI 9506-011

DSI 9506-011

Parent Item Name: Bearpaw Mod - Aerazur Float Compatibility

Start Date: 3/30/2016

Required Date: 4/6/2016

Start Qty: 9.00

Required Qty: 9.00

Comments: IPP Rev:A new issue DD 10.03.18 verified by:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN4-12A		Purchased	No			110	Each	141.0000	4	36			
AN4-12A													
Bolt													

DAS
6 27
9-89 9-89

Location	Loc Qty	Loc Code
FG	10	
120423	10	
ST344	131	
m133990	31	
m134180	100	

DAS
28
9-89

D2274		Manufactured	No			110	Each	309.0000	4	36			
D2274													
Radius Block													

DAS
6 27
9-89 9-89

Location	Loc Qty	Loc Code
FG	12	
86855	12	
ST006	154	
140177	154	
ST012a	143	
141052	143	

DAS
28
9-89

D2529		Manufactured	No			110	Each	568.0000	4	36			
D2529													
Washer													

DAS
6 27
9-89 9-89

Location	Loc Qty	Loc Code
ST009	68	
140554	68	
ST012a	500	
141458	500	

DAS
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Picklist Print

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Work Order ID: 143607

143607

Parent Item: DSI 9506-011

DSI 9506-011

Parent Item Name: Bearpaw Mod - Aerazur Float Compatibility

Start Date: 3/30/2016

Required Date: 4/6/2016

Start Qty: 9.00

Required Qty: 9.00

D3171-1

Manufactured No

110 Each

7.0000

4

36

DAS
6
9-89

DAS
27
9-89

D3171-1

Angle Bracket

**

143608

Location

Loc Qty

Loc Code

ST019

7

139665

7

3

MS21042L4

Purchased No

110 Each

3,093.000

4

36

DAS
6
9-89

DAS
27
9-89

MS21042L 4

Locknut

**

Location

Loc Qty

Loc Code

FP001

37

m133363

37

GA

447

m133769

447

OVER007

1500

m134502

1500

ST303

1012

m134055

1012

ST305

97

m130922

97

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Shop Packet Print

Page 2

Picklist Print

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Page 3

Work Order ID: 143607

143607

Parent Item: DSI 9506-011

DSI 9506-011

Parent Item Name: Bearpaw Mod - Aerazur Float Compatibility

Start Date: 3/30/2016

Required Date: 4/6/2016

Start Qty: 9.00

Required Qty: 9.00

NAS1149D0463J

Purchased

No

110

Each

3,488.000

4

36

NAS1149D0463.J

WASHER

Location

Loc Qty

Loc Code

GA

237

M129390

41

M132035

196

ST263

2263

M134039

2263

ST269

988

M132317

100

M132677

888

**DAS
28
9-89**

**DAS
6
9-89** **DAS
27
9-89**
APR 02 2016

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DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-578 REV. F AND EARLIER
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-578 REV. 1 AND EARLIER

REF TCCA STC SH93-4
REF FAA STC SR00028NY
REF FAA STC SR00028NY
REF EASA STC EASA.IM.R.S.01389

20160316

St
143607

TO ENSURE COMPATIBILITY BETWEEN THE D350-578-011/-021 BEARPAW INSTALLATION AND EXISTING AERAZUR FLOAT SYSTEM, CUSTOMERS ARE ENCOURAGED TO PROCURE DSI-9506-011 KIT LISTED BELOW AND PERFORM THE FOLLOWING DEVIATIONS ON INSTALLATION. REFER TO FIGURE 1.

1. MOVE EACH D2432F/D2672F BEARPAW AFT BY 1.50" MAX;
2. SUBSTITUTE AFTMOST D2438 CLAMP WITH TWO D3171-1 ANGLES TRIMMED TO FIT THE AERAZUR FLOAT CLAMPS ON EACH D2432F/D2672F BEARPAW;
3. ADD EXTRA HOLES/COUNTERBORES (Ø0.260" THRU, C'BORE Ø0.930" x 0.300" DEEP FROM BOTTOM) ON EACH D2432F/D2672F BEARPAW TO MOUNT CENTER D2438 CLAMP TO CLEAR AFT CROSSTUBE SADDLE.

IN ALL OTHER RESPECTS, INSTALL THE D350-578-011/-021 BEARPAW INSTALLATION PER INSTALLATION INSTRUCTIONS D350-578 REV. F OR EARLIER.

PARTS LIST

QTY -011	PART NUMBER	DESCRIPTION
X	DSI-9506-011	INSTALLATION MOD KIT
4	D2274	RADIUS BLOCK
4	D2529	WASHER
4	D3171-1	ANGLE
4	AN4-12A	BOLT
4	AN960JD416	WASHER
4	MS21042L4	NUT

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 10.02.26
CERT. NO.: SH93-4
ISSUE NO.: 7

A	NEW ISSUE	MB	10.02.26
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9506	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		INSTALL MODIFICATION	NTS
DATE	10.02.26	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

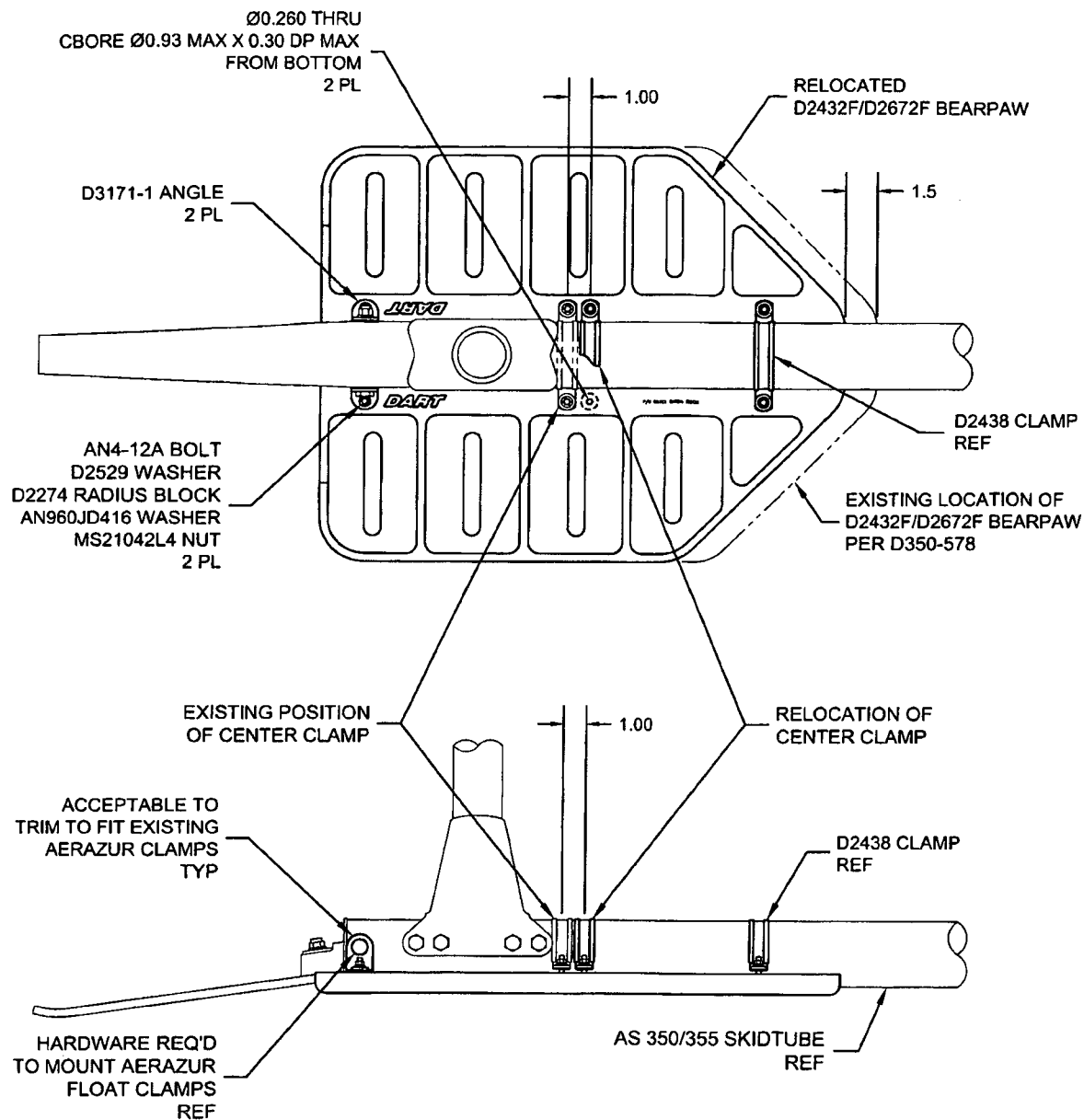


FIGURE 1: INSTALL MOD
(AERAZUR FLOAT AND HARDWARE NOT SHOWN FOR CLARITY)

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 10.02.26
CERT. NO.: SH93-4
ISSUE NO.: 7

DESIGN	<i>[Signature]</i>	DART AEROSPACE LTD	
DRAWN	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9506	SHEET 2 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	INSTALL MODIFICATION	NTS
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DART SERVICE INSTRUCTION

DAS
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9-89

TO AMEND INSTALLATION INSTRUCTIONS D350-578 REV. F AND EARLIER
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-578 REV. 1 AND EARLIER

REF TCCA STC SH93-4
REF FAA STC SR00028NY
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REF EASA STC EASA.IM.R.S.01389

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4	MS21042L4	NUT

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DAO # 01-O-01

APPROVED

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